

REMARKS/ARGUMENTS

Prior to the entry of this amendment, claims 1-13, 16-19, 21-27, 35-37, 40, 42-45, and 50-57 were pending in this application. Claims 1, 18, 35, 40, and 50 are amended, no claims are canceled, and no claims are added herein. Therefore, claims 1-13, 16-19, 21-27, 35-37, 40, 42-45, and 50-57 remain pending in this application. Applicant respectfully requests reconsideration of these claims for at least the reasons presented below.

35 U.S.C. §103 Rejection, Hassett and Kraenzel in view of Krapf

The Office Action has rejected claims 1-13, 16-19, 21-27, 35-37, 40, 42-45, and 50-57 under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 6,173,311 B1 of Hassett et al. (hereinafter "Hassett") and U. S. Patent No. 6,854,016 B1 of Kraenzel et al. (hereinafter "Kraenzel") in view of U.S. Patent No. 6,901,588 B1 of Krapf et al. (hereinafter Krapf). The Applicant respectfully submits that the Office Action does not establish a *prima facie* case of obviousness in rejecting these claims, as amended. Therefore, the Applicant requests reconsideration of these claims, as amended.

In order to establish a *prima facie* case of obviousness, the Office Action must establish: 1) some suggestion or motivation, either in the references themselves or in the knowledge generally available to one of ordinary skill in the art, to modify the references or combine their teachings; 2) a reasonable expectation of success of such a modification or combination; and 3) a teaching or suggestion in the cited prior art of each claimed limitation. See MPEP §706.02(j). However, the cited references fail to teach or suggest, alone or in combination, each claimed limitation. For example, none of the references, alone or in combination, teach or suggest multiple data stores each having a agent and a profile representing configuration information for the data store, the agents and profiles being mapped one-to-one,

creating a temporary proxy, or accessing a data store via the associated agent from the temporary proxy based on the profiles.

Hassett is directed to "servicing of client requests on a network." (Col. 1, lines 15-16) Under Hassett, "HTTP GET requests from client computers are served by assigned agents on the caching proxy server." (Col. 7, lines 13-15) "When a GET request is received by the caching proxy server, the category id of the request is examined to determine which agent on the caching proxy server should serve the request." (Col. 7, line 29-32) That is, under Hassett, the agent used to process a request is determined by information (i.e., the category ID) in the request, from the client. (See also FIG. 5A) The category ID from the request is based on the last information sent to the client. (Col. 5, lines 35-36, col. 9, lines 9-33, col. 19, line 10 - col. 22, line 35) However, Hassett does not teach or suggest multiple data stores each having a agent and a profile representing configuration information for the data store, the agents and profiles being mapped one-to-one, creating a temporary proxy, or accessing a data store via the associated agent from the temporary proxy based on the profiles.

Kraenzel is directed to "a trust model for authorizing download based upon server site authentication." (Col. 1, lines 45-46) More specifically, Kraenzel teaches "a web based trust model governing delivery of services and programs from a workflow, enterprise and mail-enabled application server and platform." (Col. 2, lines 41-43) A connection protocol connects a user client to a server site and download utilities that, responsive to the connection protocol, download the services and programs from the server site to the user client. (Col. 2, lines 43-46) Kraenzel describes 3 such models including an "On Line Services Model" (col. 4, line 62 - col. 5, line 30), a "Local Run Time Model" (col. 5, line 31 - col. 6, line 67), and a "Client Local Replica Model" (col. 7, lines 1-62). In the On Line Services Model, "the highest level of security is managed through a database access control list (ACL)." (Col. 5, lines 24-29) In the Local Run Time Model, access is controlled through the security model that "includes ACL protection of databases, and may also provide controls for access to documents." (Col. 5, line 62 - col. 6, line 10) In this model, an agent model for triggering agents is subject to the access provided by the

security model. (Col. 6, lines 50-56) Finally, in the Client Local Replica Model, "agents are stand-alone programs that perform a specific task in one or more databases, and as databases are under access control library (ACL) security." (Col. 7, lines 33-35)

Therefore, regardless of the trust model, Kraenzel teaches providing access to data stores based on an ACL and does not teach or suggest multiple data stores each having a agent and a profile representing configuration information for the data store, mapping the agents one-to-one to the profiles, creating a temporary proxy, or accessing a data store via the associated agent from the temporary proxy based on the profiles. The agents of Kraenzel do not access the database based on a profile but rather perform specific tasks within the limitations of the access provided by other elements of the system, such as the security model, based on the ACL. Thus, Kraenzel does not teach or suggest multiple data stores each having a agent and a profile representing configuration information for the data store, the agents and profiles being mapped one-to-one, creating a temporary proxy, or accessing a data store via the associated agent from the temporary proxy based on the profiles.

Krapf relates to "a method and apparatus for representing and implementing a concept between two functional domains (e.g., programming languages) by using a proxy component in a first domain to wrap a component of a second domain, where the proxy component has a semantic usability in the first domain closely corresponding to the semantic usability of the underlying component from the second domain." (Col. 2, lines 8-15) "Such proxy components may be used to gradually transform a digital entity (e.g., a software application) from a first domain to a second domain." (Col. 2, lines 16-19) However, Krapf does not teach or suggest multiple data stores each having a agent and a profile representing configuration information for the data store, the agents and profiles being mapped one-to-one, creating a temporary proxy, or accessing a data store via the associated agent from the temporary proxy based on the profiles.

Claim 1, upon which claims 2-4 and 7-17 depend, relate to a method of supporting multiple data stores for an integrated access system and identity system. Claim 35, upon which claims 36-39 depend, relates to one or more processor readable storage devices having processor readable code embodied on said processor readable storage devices, said processor readable code for programming one or more processors to perform a method. Both claim 1 and claim 35 recite in part "receiving a request at said integrated access system and identity system, said integrated access system and identity system supporting a plurality of data stores, each data store having a dedicated agent for interacting with the data store and a profile mapping one-to-one with the dedicated agent and representing configuration information for the data store; determining based on the profiles which data stores can service said request; creating a temporary proxy with one or more pointers to agents associated with said data stores that can service said request; accessing data stores that can service said request via the agent for the one or more data stores from the temporary proxy; reporting via the temporary proxy information based on said step of accessing; and terminating the temporary proxy." None of the references, alone or in combination, teach or suggest multiple data stores each having a dedicated agent and a profile mapping one-to-one with the dedicated agent and representing configuration information for the data store, creating a temporary proxy, or accessing a data store via the associated agent from the temporary proxy based on the profiles. Rather, Hassett teaches determining an agent to process a request based on information (i.e., the category ID) in the request, the information in the request based on the last information sent to the client while Kraenzel teaches providing access to data stores based on an ACL and Krapf teaches porting software between environments or domains using a proxy to encapsulate the ported component. For at least these reasons, claim 1-7, 7-17, and 35-39 should be allowed.

Claim 18, upon which claims 19-27 depend, relates to a method of supporting multiple data stores. Claim 40, upon which claims 41-45 depend, relates to one or more processor readable storage devices having processor readable code embodied on said processor readable storage devices, said processor readable code for programming one or more processors to perform a method. Both claim 18 and claim 40 recite in part "receiving a request to access

one or more of a plurality of data stores, each data store having a profile representing configuration information for the data store; determining based on the profiles which data stores can service said request, each data store is associated with a separate agent, wherein each agent is mapped one-to-one with the profile for the associated data store; creating a temporary proxy with one or more pointers to agents associated with said data stores that can service said request; accessing said data stores that can service said request by communicating with said associated agents via the temporary proxy." None of the references, alone or in combination, teach or suggest multiple data stores each having a dedicated agent and a profile mapping one-to-one with the dedicated agent and representing configuration information for the data store, creating a temporary proxy, or accessing a data store via the associated agent from the temporary proxy based on the profiles. Rather, Hassett teaches determining an agent to process a request based on information (i.e., the category ID) in the request, the information in the request based on the last information sent to the client while Kraenzel teaches providing access to data stores based on an ACL and Krapf teaches porting software between environments or domains using a proxy to encapsulate the ported component. For at least these reasons, claim 18-27 and 40-45 should be allowed.

Claim 50, upon which claims 51-54 depend, relates to an apparatus that supports multiple data stores. Claim 50 recites in part "receiving a request to access one or more of a plurality of data stores, each data store having a dedicated agent for interacting with the data store and a profile representing configuration information for the data store; determining based on the profiles which data stores can service said request, creating a temporary proxy having knowledge of agents for the data stores can service said request; using said proxy to access said data stores that can service said request via the agents, reporting information based on said step of accessing, and terminating the temporary proxy." None of the references teach or suggest, alone or in combination, multiple data stores each having a agent and a profile representing configuration information for the data store, creating a temporary proxy, or accessing a data store via the associated agent from the temporary proxy based on the profiles. For at least these reasons, claims 50-54 should be allowed.

Claim 55, upon which claims 56 and 57 depend, relates to a system that supports multiple data stores. Claim 55 recites in part " a set of profiles, each profile associated with one of said data stores and wherein each profile represents configuration information for the data store; a set of agents, each agent associated with one of said data stores and adapted to facilitate communications with the data store; a temporary proxy; and a database manager, said database manager in communication with said profiles, wherein said database manager is adapted to receive a request to access one or more of the data stores, determine based on the profiles which data store can service the request and wherein said database manager creates said proxy in response to the request to access said data stores and causes said proxy to be in communication with agents associated with data stores that can service said request based on the profiles." None of the references teach or suggest, alone or in combination, multiple data stores each having a agent and a profile representing configuration information for the data store, creating a temporary proxy, or accessing a data store via the associated agent from the temporary proxy based on the profiles. Rather, Hassett teaches determining an agent to process a request based on information (i.e., the category ID) in the request, the information in the request based on the last information sent to the client while Kraenzel teaches providing access to data stores based on an ACL and Krapf teaches porting software between environments or domains using a proxy to encapsulate the ported component. For at least these reasons, claims 55-57 should be allowed.

35 U.S.C. §103 Rejection, Hassett and Kraenzel in view of Brown

The Office Action has rejected claims 5 and 6 under 35 U.S.C. §103(a) as being unpatentable over Hassett and Kraenzel in view of U. S. Patent No. 6,678,733 B1 of Brown et al. (hereinafter Brown). The Applicant respectfully submits that the Office Action does not establish a *prima facie* case of obviousness in rejecting these claims. Therefore, the Applicant requests reconsideration and withdrawal of the rejection.

As discussed in detail above, claim 1, upon which claims 5 and 6 depend, is distinguishable from the combination of Hassett and Kraenzel since neither reference, alone or

in combination teaches or suggests multiple data stores each having a dedicated agent and a profile mapping one-to-one with the dedicated agent and representing configuration information for the data store, creating a temporary proxy, or accessing a data store via the associated agent from the temporary proxy based on the profiles.

Brown is directed to " a method and system that authenticates users and authorizes the users to access a walled garden of network services." (Col. 2, lines 15-17) Under Brown " When a user wishes to access a service in the walled garden, the client sends a hypertext transport protocol (HTTP) request to the WGPS identifying the plot number of the requested service. If the client has a ticket granting access to the walled garden, the client includes the ticket in an authorization header." (Col. 2, line 66 - col. 3, line 4) " In response to a denial, the client sends a message to the GS requesting a ticket. The user authenticates himself or herself to the client by providing authentication information and the client provides this information to the GS." (Col. 3, lines 7-10) That is, Brown provides access to controlled resources based on a ticket or key provided by a client. However, Brown does not teach or suggest multiple data stores each having a dedicated agent and a profile mapping one-to-one with the dedicated agent and representing configuration information for the data store, creating a temporary proxy, or accessing a data store via the associated agent from the temporary proxy based on the profiles.

The combination of Hassett, Kraenzel and Brown is no more relevant to the pending claims than either reference alone. None of the references, alone or in combination, teach or suggest multiple data stores each having a dedicated agent and a profile mapping one-to-one with the dedicated agent and representing configuration information for the data store, creating a temporary proxy, or accessing a data store via the associated agent from the temporary proxy based on the profiles. Therefore, the references cited in the Office Action fail to teach or suggest each claimed limitation. For at least these reasons, claims 5 and 6 should be allowed.

Appl. No. 09/998,908
Amdt. dated: May 16, 2006
Reply to Office Action of February 16, 2006

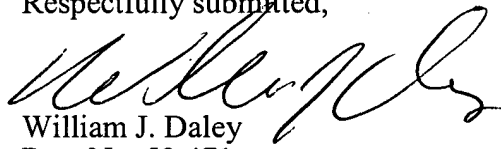
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CONCLUSION

In view of the foregoing, Applicants believe all claims now pending in this Application are in condition for allowance and an action to that end is respectfully requested.

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 303-571-4000.

Respectfully submitted,



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